

REMARKS

This is a response to the Restriction Requirement that was issued on July 1, 2005 in connection with the above-identified patent application. This response includes amendments to the specification to correct typographical errors that were not previously identified. Specifically, the paragraph beginning on page 8, line 5, of the specification is amended to replace the reference to Fig. 2 with a reference to Fig. 13 and to replace reference numeral 148 with numeral 150. These amendments were made to address inconsistencies between the written specification and Fig. 13.

In the Restriction Requirement, Applicant was required to elect between five different species that were identified by the Examiner as containing patentably distinct sub-species. These species are identified below:

Species	Subspecies	Subject matter
A	3	Sulfur removal bed and fuel processor combinations
B	7	Sulfur absorbent beds
C	4	Heaters
D	2	Sensor arrangements
E	2	Reformer, separation, and polishing regions

Applicant was required to elect, for each species, an identified subspecies for initial examination, with the subspecies being identified by the figures of the application in which they were graphically illustrated. Applicant has also been required to identify which claims read on each of the elected subspecies.

Applicant thanks the Examiner for her time and comments in a telephone interview on July 15, 2005 with Applicant's undersigned attorney. In the interview, the Restriction Requirement was discussed, as well as the fact that many of the original

claims are generic to most, if not all, of the identified subspecies. It was also discussed that Applicant still needs to identify a subspecies for initial examination even if all of the claims are generic to the identified species and subspecies.

Responsive to Species A, Applicant submits that all pending claims are generic to the identified subspecies because the claims neither require nor preclude inclusion of any of the identified subspecies. For the purposes of initial examination and complying with the Examiner's requirements, Applicant elects subspecies a-1 and submits that all pending claims are generic to this subspecies.

Responsive to Species B, Applicant submits that all pending claims are generic to the elected subspecies because the claims do not require nor preclude the use of the subject matter illustrated in the identified subspecies. For the purposes of initial examination and complying with the Examiner's requirements, Applicant elects subspecies b-1 and submits that all pending claims are generic to this subspecies.

Responsive to Species C, Applicant submits that all of the pending claims are generic to the identified subspecies because none of the claims recite a particular heater or heating assembly. Applicant further submits that to the extent the heaters are divided into subspecies based on the figures in the application, then Fig. 4 also identifies a heater configuration that is discussed on page 14, lines 10-14, and which should be included in the identified subspecies. If the Examiner agrees, then for initial examination and complying with the Examiner's requirements, Applicant elects the subspecies shown in Fig. 4 and submits that all of the pending claims are generic to this subspecies. Otherwise, Applicant elects subspecies c-1 and submits that all pending claims are generic to the elected subspecies.

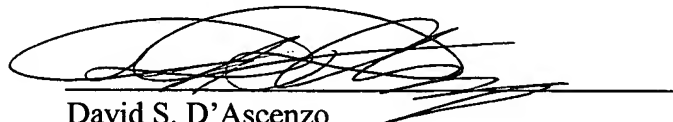
Responsive to Species D, Applicant submits that all pending claims are generic to the identified subspecies because the claims either do not require the recited subject matter or do not preclude the use of the recited subject matter. For the purposes of initial examination and complying with the Examiner's requirements, Applicant elects subspecies d-1 and submits that all pending claims are generic to or read on the elected subspecies.

Responsive to Species E, Applicant submits that all of the pending claims either read on or are generic to both identified subspecies because the claims neither require nor preclude the inclusion of the identified subspecies. For the purposes of initial examination and complying with the Examiner's requirements, Applicant elects subspecies e-1 and submits that all pending claims are generic to this subspecies.

Applicant submits that this response complies with the requirements set forth in the July 1, 2005 Restriction Requirement. Should the Examiner have any questions, require any additional information, or believe that a further telephone interview would be helpful in advancing prosecution of the present application, the Examiner is invited to contact Applicant's undersigned attorney at the number listed below.

Respectfully submitted,

KOLISCH HARTWELL, P.C.

A handwritten signature in dark ink, appearing to read "David S. D'Ascenzo", is written over a horizontal line.

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